OMB No. 0651-0011

| INFORMATICA | | OMB No. 0051-0011 | | | | | | |
|---------------------------|---|---|---|-----------------|--|----------|---------------|-----------------|
| 1 | | Atty. Docket No.: Serial No.: | | | | | | |
| DISCLOSURE | | 56331US002 10/027,763 | | | | | | |
| S | TATEMENT | Applicant(s): | | | | | | |
| | | James M. Nelson, Raghunath Padiyath, Robert B. Secor, | | | | | | |
| 1 | | | Mark J. Stevenson, Michael J. Tichy and Robert A. Yapel | | | | | |
| | | | Filing Date: Group: | | | | | |
| | | | | | | Jnknown | | |
| | | | | OCUMENTS | · | | | |
| Examiner Initial | Examiner Document Number | | Date | Name | Class | SubClass | | Date If opriate |
| SS | 3,289,632 | 1 | 2/06/1966 | Barstow | , | | | 7 |
| 7 | 4,221,184 | 0 | 9/09/1980 | Gref et al. | † | | | / |
| | 5,500,274 | 0 | 3/19/1996 | Francis et al. | · · · · · · · · · · · · · · · · · · · | | | · · |
| | 5,587,184 | | 2/24/1996 | Leonard et al. | | | / | - |
| | 5,607,726 | | 3/04/1997 | Flattery et al. | | RA | / | |
| | 5,612,092 | | 3/18/1997 | Strenger et al. | | | 7 | EL |
| | 5,639,305 | | 6/17/1997 | Brown et al. | | APA | | 10. |
| | 5,655,948 | | 8/12/1997 | Yapel et al. | | 1./1 | 7 20 | ~L |
| | 5,702,527 | 1 | 2/30/1997 | Seaver et al. | | 47. | , « <i>UD</i> | ? |
| | 5,741,549 | 0 | 4/21/1998 | Maier et al. | | / | Ún |) |
| | 5,750,159 | | 5/12/1998 | Delmore et al. | / | | | |
| * | 5,759,274 | | 6/02/1998 | Maier et al. | / | | | |
| 55 | 5,780,109 | | 7/14/1998 | Yapel et al. | 1 | | | |
| | | | | T DOCUMENTS | .I | | | |
| | Document Numbe | | Date of | Country | Class | SubClass | Trans | slation |
| | | | Publication | | | | Yes | No |
| SS | DE 3019460A | - 1 | 1/26/1981 | Germany | | | -7 | X |
| | JP 11276965 | | 0/12/1999 | Japan | | | /- | X |
| | JP 2000084457 | | 3/28/2000 | Japan | | | | X |
| | JP 2000176343 | | 6/27/2000 | Japan | | / | | X |
| | JP 2000271522 | | 0/03/2000 | Japan | | / | | X |
| | JP 7008879 | $\overline{}$ | 1/13/1995 | Japan | | / | | X |
| | JP 7195015 | | 8/01/1995 | Japan | | / | · | X |
| | JP 7195016 | | 8/01/1995 | Japan | / | | | X |
| | TD 500000 | | 1/28/1995 | Japan | | | | X |
| | JP 8103711 | | 4/23/1996 | Japan | / | | | X |
| SS | JP 9253555 | | 9/30/1997 | Japan | 1 | | | X |
| | OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.) | | | | | | | |
| | | | | | | | | |
| EXAMI | NER | | | Date Considered | | | | |
| | Do Daic | يموزون | | 6/23/: | √ P | | | |
| ي | | i. | | <u>1</u> | ' | | • | |
| *Examiner: conformance | *Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

nmunication to applicant.

Patent and Trademark Office, U.S. Department of Commerce

Based on Form PTO-FB-A820
(Also form PTO-1449)
q:\3mip co forms and samples\ids pto form 1449.doc 4/1/99

OMB No. 0651-0011 INFORMATION TRADES Atty. Docket No.: Serial No.: 56331US002 10/027,763 DISCLOSURE Applicant(s): **STATEMENT** James M. Nelson, Raghunath Padiyath, Robert B. Secor, Mark J. Stevenson, Michael J. Tichy and Robert A. Yapel Filing Date: Group: December 19, 2001 Unknown U.S. PATENT DOCUMENTS Examiner **Document Number** Date Class SubClass Filing Date If Initial Appropriate SS 11/17/1998 5,837,324 Yapel et al. 5,843,530 12/01/1998 Jerry et al. 5,851,137 12/22/1998 Bhave et al. 5,980,992 11/09/1999 Kistner et al. 12/07/1999 5,998,549 Milbourn et al. FOREIGN PATENT DOCUMENTS **Document Number** Country SubClass Translation Publication Yes No WO 00/06364 / 02/10/2000 **PCT** WO 95/29763 / 11/09/1995 **PCT** WO 95/29764 / 11/09/1995 **PCT** WO 95/29765 / 11/09/1995 **PCT** WO95/29766 11/09/1995 **PCT** OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.) Catalog, Precision Steel Warehouse, Inc. 1998, Franklin Park, IL (3 pages). Edward Cohen and Edgar Gutoff, "Modern Coating and Drying Technology", VCH Publishers, NY 1992, ISBN 3-527-28246-7 Gutkoff and Cohn, "Coating and Drying Defects: Troubleshooting Operating Problems", Wiley Interscience, NY, ISBN 0-471-59810-0 Bird, Armstrong, and Hassager, Dyamics of Polymeric Liquids, Vol. 1, Wiley & Sons, NY, 1987 ISBN 0-471-80245-S, Chapter 4, pp. 169-175 Robert Secor, "Analysis and Design of Internal Coating Die Cavaties", Stephan Kistler and Peter Schweizer, Liquid Film Coating, Chapman & Hall, UK, 1997, ISBN 0-412-06481-2

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Research Disclosure, "Die Shims for Modified Film Thickness Profile", May, 1996

Date Considered

Based on Form PTO-FB-A820 (Also form PTO-1449)

Patent and Trademark Office, U.S. Department of Commerce

53

EXAMINER

Substitute for form 1449A/PTO (modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

TI (2) 30H

(Use as many sheets as necessary)

Page 1 of 1

| | the state of the s |
|----------------------|--|
| Application Number | 10/027763 |
| Filing Date | D cember 19, 2001 |
| First Named Inventor | N Ison, James M. |
| Art Unit | 1722 |
| Examiner Name | |
| Attorney Case Number | 56331US002 |

| TIM | ADE | | | U.S. Patent | Documents | | |
|--------|------|------------|----------------------------------|--------------------------------|--------------------------------|--|--|
| Exa | am. | Cite | Document Number | Publication Date or Issue Date | Name of Patentee | Pages, Columns, Lines, Where Relevant Passages or Relevant | |
| Init.* | it.* | No. | Doc. Number-(Kind Code if Known) | MM-DD-YYYY | or Applicant of Cited Document | Figures Appear | |
| 5 | S | A1 | US- 2,367,839 | 01-23-1945 | Grover | The second second | |
| | | A2 | US- 3,241,183 | 03-22-1966 | Tyrner | | |
| П | | А3 | US- 4,142,010 | 02-27-1979 | Pipkin et al. | | |
| 4 | 7 | A4 | US- 5,871,585 | 02-16-1999 | Most et al. | 2 | |
| | S | A5 | US- 6,290,837 B1 | 09-18-2001 | Iwata et al. | 台票当 | |
| | | A6 | US- | | | 3 - H | |
| | | A7 | US- | | | # 0 F VF | |
| | | A8 | US- | | | | |
| | | A 9 | US- | | | Z 20 | |
| | | A10 | US- | | | 8 | |
| | | A11 | US- | | | | |

| | Foreign Patent Documents | | | | | | | |
|-----------------|--------------------------|-------------------------|----------------------------|------------------|-----------------------------|------------------------|----------------|--|
| Exam. Init.* | Cite No. | Foreign Patent Document | | Publication Date | Name of Patentee or | Pages, Columns, Lines, | Translation | |
| | | Ctry. Code | Number-KindCode (If known) | MM-DD-YYYY | Applicant of Cited Document | | (Check if yes) | |
| | B1 | | | | | | | |
| | B2 | | | | | - | | |
| | ВЗ | | | | | | | |
| | B4 | | | | | | | |
| | B5 | | | | | | | |
| | В6 | | | | | | • | |
| | B7 | | | | | | | |

| | | OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS |
|-----------------|-------------|---|
| Exam. Init.* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, senal, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |
| | C1 | |
| | C2 | |
| | СЗ | |

| *Examin r: Sela Spain | رزحز |
|-----------------------|------|
|-----------------------|------|

Date Consid r d:

6/25/24

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.